No.	Items of work	Unit	Rate	Quantity	Total
			Rs. a. p.		Rs.
19	White and colour washing	,,		70.81	
20	Cement pointing to basement raking the joints $\frac{1}{2}$" deep and lines cut neatly	,,		9.34	
21	Painting doors and windows with lac factory green, two coats	,,		12:80	
22	Providing band cornice 4"×1"	R.ft.		206	

M. A. RAMANUJAM,
Assistant Engineer.

KADUR DIVISION.

***Notification dated** 30th April* 1939.

1. Sealed tenders will be received at the Office of the Executive Engineer, Kadur Division, Chikmagalur, up to 3 P.M. on 22nd May 1939, for the work of constructing a Girder Bridge across Megarmakki Halla on Narasimharajapura-Balehonnur Road.

2. Tenders in the prescribed form obtainable from the Office of the Executive Engineer, Kadur Division, should be addressed to the Executive Engineer, Kadur Division, Chikmagalur, in a sealed cover and superscribed as "Tender for the work of constructing a Girder Bridge across Megarmakki Halla on Narasimharajapura-Balehonnur Road. The name of the tenderer should also be superscribed on the top of the cover.

3. Each tender must be accompanied by a Treasury chellan for Rs. 820 (Rupees eight hundred and twenty only) for having credited this earnest money to 17 (a) P. W. Deposits in any Government Treasury. The earnest money of the successful tenderer will be retained as security deposit for the due fulfilment of the contract. Such a deposit will not carry any interest. Tenders unaccompanied by earnest money will not be accepted.

4. The tenders will be opened in the presence of such tenderers who wish to be present on 22nd May 1939 at Chikmagalur. The final acceptance of the tender will rest with the Superintending Engineer, who does not bind himself to accept the lowest or any tender, or to assign any reason whatever for the rejection of any.

5. The name of the successful tenderer will be posted on the Notice Board in the Executive Engineer's Office in due course. Within eight days of the acceptance of the tender, the successful tenderer will be required to execute an agreement in the departmental Schedule Contract Form for the due fulfilment of the contract.

6. Failure to comply with the condition 5 above or to agree to carry out the work in accordance with the specifications and agreements in force will entail forfeiture of the earnest money.

7. The earnest money of rejected tenders will be returned on submission of the receipt originally granted, along with an application to the Executive Engineer.

8. Copies of contract documents, schedules and drawings may be seen at any time at the Executive Engineer's Office, Chikmagalur, on all working days, between 11 A.M. and 5 P.M.

9. Specific rates should be given for each item in the schedule accompanying the tender and the rates should be in rupees, annas and pies and expressed in words and figures.

10. Any rates or lumpsum amounts for the items not called for, if tendered by the tenderer, will not be taken notice of. The rates for such items may be entered in a separate schedule with date and reasons for the same. For items when lumpsum is shown in the abstract the tenderer should enter a rate against the lumpsum amount.

11. No alterations which are made by the tenderers in the tender form in the nomenclature of the items of work will be recognised and if corrections are made, the tenders are liable to rejection.

12. There should be no alterations or erasures in the tenders in the rates of items and any corrections made in the rates should be attested to, and the number of corrections, if any, in each page, noted at the foot of the same by the tenderer.

13. No reference should be made to the Public Works Department schedule of rates.

14. In the event of the tender being submitted by a firm, it must be signed separately and severally by each member thereof, or in the event of absence of any partner, it must be signed on his behalf by a person holding power-of-attorney authorising him to do so.

15. When once the rates tendered have been accepted, they will not be revised under any circumstances. In regard to items of work not tendered, the rates for the same will be calculated by the Executive Engineer on the basis of current rates for materials and labour with a contractor's profit of 5 per cent as may be approved by the Superintending Engineer. This shall be final and legally binding on the tenderer.

16. The quantities given in the schedule are only approximate and the drawings shown to the contractor are only tentative and are liable to alterations, omissions, deductions, or additions at the discretion of the Executive Engineer or his representative. The tendered rates will hold good for any quantity, whether higher or lower than those given in the enclosed schedule.

17. The works should be completed and handed over in a tidy condition to the Public Works Department by the end of March 1940, failing which the Executive Engineer may, at his discretion,

levy a penalty of Rs. 100 per fortnight which will be recovered from the contractor's outstandings for the period exceeded by him beyond the time fixed and until the work is completed and handed over.

18. In all matters of disputes of any kind not specially provided for in the agreement or of rates, penalties, imposed measurements, quality of work, etc., the decision of the Superintending Engineer shall be final and legally binding.

19. No claim for damages for delays caused by officers of the department in the execution of the work will be considered, whatever may be the reasons for such delays. Contractors should bear this in mind when tendering for the work. Extension of time due to delays caused by the departmental officers will, however, be considered on the merits of each case.

20. The contract should not be sublet.

21. All materials, tools and plant and machinery that will be supplied by the Executive Engineer in the interest of the work shall be accepted by the tenderer at the rates fixed by the Executive Engineer. The tenderer will pay the hire on tools and plant and machinery as per rules from the date of taking over of such machinery, tools and plant from the Stores to the date of return thereto, the dates considered being the dates of acknowledgments of the vouchers in each transaction.

22. Chamundi brand cement must be used for the work.

23. The contractor should arrange for the payment of royalty and tolls.

Note.—(*a*) The contractor should at his own cost—

(1) Provide rods, stakes, ropes and labour required in setting out the works.
(2) Provide all necessary scaffolding, centering, labour and appliances for hoisting.
(3) Provide mortar mills and sheds, to keep materials under cover and also for workmen.
(4) Arrange for protecting work during inclement weather.
(5) Supply requisite temporary lights, water cisterns, water pumps and hoses, sieves, parahs, shoring, strutting and other requisite protective appliances during the progress of the work.
(6) Supply all water required for work and workmen and shall provide temporary latrines and drains.
(7) Clean away all dirt, rubbish, superfluous materials and debris as they accumulate.
(8) Provide arrangements for pumping and baling of water from excavations and foundations wherever and whenever necessary with his own pumping apparatus including necessary leading drains, slump pits, etc.
(9) Afford facilities to any other parties employed upon the work by the P. W. D., so that their work may proceed during the progress of the contract, and give such persons the use of ordinary scaffolding and ladders.
(10) The contractor is responsible for all accidents to workmen, etc., on the work and he must take precaution against all risk of accidents and if necessary provide for the same by Insurance at the proper time.

(*b*) It is the business of the contractor to make his own arrangements for quarries and supplies of materials.

Abstract estimate for constructing a Girder Bridge Across Megaramakkihalla on Narasimharajapura-Balehonnur Road.

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		
1	Clearing jungle and forming site of bridge ..	Sq.yd.	..	..	
2	Earthwork excavation for foundation in hard soil mixed with stones and using same to bank including all soils up to and including soft rock ...	C.yd.	..	435	
3	Benching in hard rock for seating foundations				
	(*a*) Up to 6″ depth	Sq.ft.	..	..	
	(*b*) From 6 to 9″	,,	..	..	
	(*c*) From 9 to 12″	,,	..	..	
4	Baling water in foundation	..	..	..	
5	Burnt stone jelly concrete in surki or lime mortar with $\frac{1}{6}$th cement (chamundi brand) complete in layers of 4″ well tamped	C.ft.	..	1,890	
5(*a*)	Do do without cement ..	,,	..	1,890	
6	Size stone in surki cement combination mortar (1 : 6) proportion complete with through bond stones, etc.	,,	..	7,882	
6(*a*)	Do do without cement ..	,,	..	7,882	
7	Providing and casting cement concrete bearing slabs (1 : 3 : 6) with $\frac{1}{2}$″ bars at 9″ C to C complete including curing with exposed faces finished smooth	,,	..	124	
8	Extra charges for dressing abutment and cut water edges and faces $1\frac{1}{2}$″ on each side	R.ft.	..	245	

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		
9	Providing, hoisting and fixing Tata's tested quality R. S. Girders complete with one coat of anti-corrosive or other approved paint and anchorage (24″×7½″×90 lbs.) size	Cwt.	..	212.14	
9(*a*)	Hoisting and fixing charges only of girders with one coat of approve paint	,,	..	212.14	
10	R.C.C. deck slabs (1 : 2 : 4) complete cast in situ including curing with reinforcements as per design including centering charges, etc., with exposed faces finished smooth	C.ft.	..	782	
11	Providing expansion joints ½″ thick of materials as per design complete in R.C.C. decking ..	R.ft.	..	51	
12	Providing and fixing three rows of 1½″ G.I. pipe hand railing in Angle iron uprights every 6′—0″ complete fixed to decking as per design	,,	..	128	
13	Providing and casting in site ornamental cement concrete (1 : 3 : 6) pilasters complete finished as per design with ends of hand railings fixed in ..	Each	..	10	
14	Cement mortar (1 : 3) pointing to exposed portion of masonry after raking joints 1″ deep	Sqr.	..	21.12	
15	New rough stone revetment works for wings on both sides complete	C.yd.	..	167	
16	Earthwork forming bank for approaches including watering, consolidating on both sides after cutting grips, etc. (using earth got from foundation) ..	C.yd.	..	3,370	
17	Collecting, spreading and consolidating 1½″ quartz metal for approach roads including lead up to 2 miles	,,	..	100	
18	Collecting, spreading and consolidating gravel including lead	,,	..	35	
19	Collecting, spreading and consolidating sand ..	,,	..	8	
20	Providing and fixing guard stones of approved design	No.	..	4	

Notification dated 30th April 1939.

1. Sealed tenders will be received at the Office of the Executive Engineer, Kadur Division, Chikmagalur, up to 3 P. M. on 22nd May 1939, for the work of constructing a Girder Bridge across Dhobihalla on Balehonnur-Narasimharajapura Road.

2. Tenders in the prescribed form obtainable from the Office of the Executive Engineer, Kadur Division, should be addressed to the Executive Engineer, Kadur Division, Chikmagalur, in a sealed cover and superscribed as "Tender for the work of constructing a Girder Bridge across Dhobihalla on Balehonnur-Narasimharajapura Road." The name of the tenderer should also be superscribed on the top of the cover.

3. Each tender must be accompanied by a treasury chellan for Rs. 590 (in words) Rupees Five hundred and ninety only for having credited this earnest money to 17-A., P. W. D. Deposits in any approved Government Treasury. The earnest money of the successful tenderer will be retained as security deposit for the due fulfilment of the contract. Such a deposit in cash will not carry any interest. Tenders unaccompanied by earnest money will not be accepted.

4. The tenders will be opened in the presence of such tenderers who wish to be present on 22nd May 1939 at Chikmagalur. The final acceptance of the tender will rest with the Superintending Engineer, who does not bind himself to accept the lowest or any tender, or to assign any reason whatever for the rejection of any.

5. The name of the successful tenderer will be posted on the Notice Board in the Executive Engineer's Office in due course. Within eight days of the acceptance of the tender, the successful tenderer will be required to execute an agreement in the departmental schedule contract form, for the due fulfilment of the contract.

6. Failure to comply with the condition 5 above, or to agree to carry out the work in accordance with the specifications and agreements in force, will entail forfeiture of the earnest money.

7. The earnest money of rejected tenders will be returned on submission of the receipt originally granted, along with an application to the Executive Engineer.

8. Copies of contract documents, schedules and drawings may be seen at any time at the Executive Engineer's Office, Chikmagalur, on all working days between 11 A.M. and 5 P.M.

9. Specific rates should be given for each item in the schedule accompanying the tender and the rates should be in rupees, annas and pies and expressed in words and figures.

10. Any rates or lumpsum amounts for the items not called for, if tendered by the tenderer, will not be taken notice of. The rates for such items may be entered in a separate schedule with date and reasons for the same. For items where lumpsum is shown in the abstract the tenderer should enter a rate against the lumpsum amount.

11. No alterations which are made by the tenderers in the tender form in the nomenclature of the items of work will be recognised and if corrections are made, the tenders are liable to rejection.

12. There should be no alterations or erasures in the tenders in the rates of items and any corrections made in the rates should be attested to, and the number of corrections, if any, in each page, noted at the foot of the same by the tenderer.

13. No reference should be made to the Public Works Department schedule of rates.

14. In the event of the tender being submitted by a firm, it must be signed separately and severally by each member thereof, or in the event of absence of any partner, it must be signed on his behalf by a person holding power-of-attorney authorising him to do so.

15. When once the rates tendered have been accepted, they will not be revised under any circumstances. In regard to items of work not tendered, the rates for the same will be calculated by the Executive Engineer, on the basis of current rates for materials and labour with a contractor's profit of 5 per cent as may be approved by the Superintending Engineer. This shall be final and legally binding on the tenderer.

16. The quantities given in the schedule are only approximate and the drawings shown to the contractor are only tentative and are liable to alterations, omissions, deductions or additions, at the discretion of the Executive Engineer or his representative. The tendered rates will hold good for any quantity whether higher or lower than those given in the enclosed schedule.

17. The work should be completed and handed over in a tidy condition to the Public Works Department by the end of March 1940, failing which, the Executive Engineer may, at his discretion, levy a penalty of Rs. 100 per fortnight which will be recovered from the contractor's outstandings for the period exceeded by him beyond the time fixed and until the work is completed and handed over.

18. In all matters of disputes of any kind not specially provided for in the agreement or of rates, penalties, measurements, quality of work, etc., the decision of the Superintending Engineer shall be final and legally binding.

19. No claim for damages for delays caused by officers of the department in the execution of the work will be considered, whatever may be the reasons for such delays. Contractors should bear this in mind when tendering for the work. Extension of time due to delays caused by the departmental officers will, however, be considered on the merits of each case.

20. The contract should not be sublet.

21. All materials, tools and plant and machinery that will be supplied by the Executive Engineer in the interest of the work shall be accepted by the tenderer at the rates fixed by the Executive Engineer. The tenderer will pay the hire on tools and plant and machinery as per rules from the date of taking over of such machinery, tools and plant from the Stores to the date of return thereto, the dates considered being the dates of acknowledgments of the vouchers in each transaction.

22. "Chamundi" Brand cement must be used for this work.

23. The contractor should arrange for the payment of royalty and tolls.

Note.—(*a*) The contractor should at his own cost—

(1) Provide rods, stakes, ropes and labour required in setting out the works.

(2) Provide all necessary scaffolding, centering, labour and appliances for hoisting.

(3) Provide mortar mills and sheds, to keep materials under cover and also for workmen.

(4) Arrange for protecting work during inclement weather.

(5) Supply requisite temporary lights, water cisterns, water pumps and hoses, sieves, parahs, shoring, strutting and other requisite protective appliances during the progress of the work.

(6) Supply all water required for work and workmen and shall provide temporary latrines and drains.

(7) Clean away all dirt, rubbish, superfluous materials and debris as they accumulate.

(8) Provide arrangements for pumping and baling of water from excavations and foundations wherever and whenever necessary with his own pumping apparatus including necessary leading drains, slump pits, etc.

(9) Afford facilities to any other parties employed upon the work by the P. W. D., so that their work may proceed during the progress of the contract, and give such persons the use of ordinary scaffolding and ladders.

(10) The contractor is responsible for all accidents to workmen, etc., on the work and he must take precaution against all risk of accidents and if necessary provide for the same by insurance at the proper time.

(*b*) It is the business of the contractor to make his own arrangements for quarries and supplies of materials.

Abstract estimate for constructing a Girder Bridge Across Dhobihalla on Balehonnur-Narasimharajapura Road.

No.	Items of work	Unit	Rate	Quantity	Cost
			Rs. a. p.		
1	Clearing site and forming the site of the Bridge ..	Sq.yd.	..	..	
2	Earthwork excavation in hard soil including gravel and using the earth for Banks (Excavation for foundation	C.yd.	..	158	
3	Benching in hard rock for seating foundations—				
	(*a*) 3″ to 6″	S.ft.			
	(*b*) 6″ to 9″	,,			
	(*c*) 9″ to 12″	,,	..	..	
4	Baling water in foundations	..	..	..	
5	Laying burnt stone jelly concrete in surki mortar with $\frac{1}{6}$th cement (Chamundi Brand) complete in layers of 4″ well tamped	C.ft.	..	1,655	
6	Size stone in surki cement combination mortar 1 : 5 complete with through bond stones, etc. ..	C.ft.	..	5,637	
7	Providing and casting cement concrete bearing slabs 1 : 3 : 6 with $\frac{1}{2}$″ dia. bar at 9″ c to c complete as per design including curing with exposed faces finished smooth	C.ft.	..	134	
8	Labour charges for dressing abutments and cut water edges and faces $1\frac{1}{2}$″ on each side	R.ft.	..	195	
9	Providing and fixing M.S. anchor rods into piers and abutments of 1″ size to hold girders and decking one on each side of girders ..	Each	..	24	
10	Providing, hoisting and fixing Tata's tested R.S. girders complete with one coat of paint and anchorage 20″×$6\frac{1}{2}$″×65 lbs. including boxing up girders etc.	Cwt.	..	132	
10(*a*)	Hoisting and fixing charges only of girders with one coat of approved paint	,,	..	132	
11	R.C.C. deck slabs 1 : 2 : 4 complete cast in situ and cured with reinforcements as per design including centering charges, etc., and exposed faces finished smooth	C.ft.	..	669	
12	Providing expansion joints, $\frac{1}{2}$″ thick of approved material laid as per specification complete in R.C.C. decking	R.ft.	..	51	
13	Providing and fixing three rows of $1\frac{1}{2}$″ G.I. pipe hand railing in angle iron uprights every 6′—0″ completely fixed to decking as per design ..	R.ft.	..	178	
14	Providing and casting in situ ornamental cement concrete 1 : 3 : 6 pilasters, as per design with ends of hand railings fixed in	No.	..	10	
15	Cement mortar 1 : 3 pointing to exposed masonry after raking joints 1″ deep complete	Sqr.	..	12.60	
16	New rough stone revetment for wings on both sides to join on to H.F.L. of Bhadra	..	..	..	
17	Earthwork forming bank for both approaches including watering and consolidation after forming grips using also earth got from foundation ..	C.yd.	..	1,296	
18	Collecting, spreading and consolidating $1\frac{1}{2}$″ quartz metal for approach roads including lead up to 2 miles	Cyd.	..	50	
19	Do gravel including lead	,,	..	20	
20	Do sand	,,	..	5	
21	Providing and fixing guard stones of approved design ($2\frac{1}{2}'\times\frac{3}{4}'\times\frac{3}{4}'$)	No.	..	4	

C. R. IYENGAR,
Executive Engineer.